

Title (en)

A combined adhesion promotion and direct metallization process

Title (de)

Kombinierter Adhäsionsverbesserungs- und direkter Metallisierungsverfahren

Title (fr)

Procédé combiné pour promouvoir l'adhésion et la métallisation directe

Publication

EP 1281792 A3 20040707 (EN)

Application

EP 02255413 A 20020801

Priority

GB 0118870 A 20010802

Abstract (en)

[origin: EP1281792A2] A combined adhesion promotion method of a metal to a non-conductive substrate and directly metallizing the non-conductive substrate with the metal. The method involves texturing a non-conductive substrate with a cobalt etch followed by applying a sulfide to the textured non-conductive substrate to provide an electrically conductive surface on the non-conductive substrate. After the surface of the non-conductive substrate has been made electrically conductive, the surface of the non-conductive substrate can be directly metallized. The method reduces the number of process steps for direct metallization of a non-conductive substrate. Thus, the method is more efficient in contrast to conventional methods of metallizing a non-conductive substrate.

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C25D 5/56

IPC 8 full level

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C25D 5/56 (2013.01 - EP KR US); **H05K 3/188** (2013.01 - EP US); **H05K 3/188** (2013.01 - KR)

Citation (search report)

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- [DY] EP 0913498 A1 19990506 - SHIPLEY CO LLC [US]
- [A] US 4191617 A 19800304 - HURLEY JOHN L [US], et al
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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1281792 A2 20030205; **EP 1281792 A3 20040707**; CN 1266314 C 20060726; CN 1408903 A 20030409; GB 0118870 D0 20010926; JP 2003183881 A 20030703; KR 20030013321 A 20030214; TW 593791 B 20040621; US 2003047458 A1 20030313; US 6790334 B2 20040914

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